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|---------------------------|--------------------------|---|
| 6174 6939 | DATA SHEET |  |
| Valid from: 27.11.2019 | SILVYN® RILL PA 6 | |

The parallel corrugated conduit SILVYN® RILL PA 6 is suitable for various uses due to its characteristics. Is qualified for protective insulation for electrical installation in acc. to instruction for use EN 60204 at engineering and plant construction.



Material:

Polyamide 6

Technical features:

Profile

Parallel corrugated

Nominal size

NW 10 up to NW 54

Protection class

IP67 acc. to EN 60529

Temperature range

Depending on the used conduit gland

-40°C up to +115°C

Additional features:

Compressive strength

Class 2 (320N) acc. to EN 61386

Impact strength

Class 3 (4J) acc. to EN 61386

Bending resistance

Flexible

Tensile strength

Class 1 (100N) acc. to EN 61386

Suspended load capacity

Class 2 (30N) acc. to EN 61386

Fire classification

V0 acc. to UL94

Fire hazardous level

HL3 acc. to EN 45545-2

Oxygen index

>34% acc. to EN ISO 4589-2

Free of silicone, cadmium and halogen

UV-Resistant

SILVYN® RILL PA6 black

Color:

Black

Grey

Approbation:



File Nr. E308201

Reference standards:



EN 61386-1

Suitable glands:


SILVYN® KCLICK

SILVYN® KSE

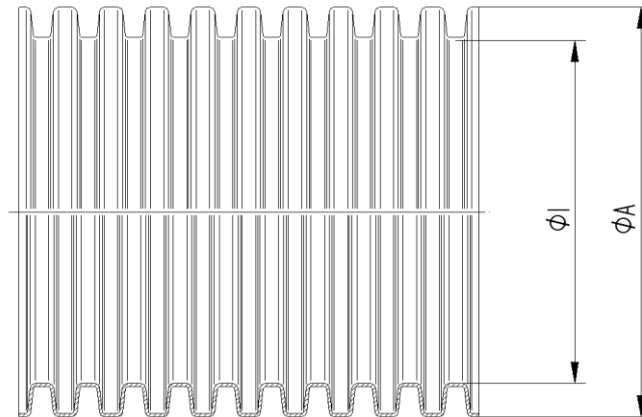
SILVYN® K-EM

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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| Creator: MAU1/PDP Released: DAMU1/PDP | Document: DB61746939EN Version: 12 | Page 1 of 2 |
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Product drawing:



Dimension table:

| Part No. | NW | Diameter mm | | Max. Bending radius mm | | Weight g |
|-------------------------------|----|----------------|-------|---------------------------|---------|-------------|
| | | Inner | Outer | static | dynamic | |
| SILVYN® RILL PA6 black | | | | | | |
| 6174 6935 | 10 | 6,5 | 10,0 | 13 | 35 | 0,018 |
| 6174 6945 | 13 | 10,0 | 13,0 | 20 | 45 | 0,025 |
| 6174 6955 | 16 | 12,0 | 15,8 | 35 | 55 | 0,037 |
| 6174 7015 | 18 | 14,3 | 18,5 | 40 | 65 | 0,050 |
| 6174 6965 | 21 | 16,5 | 21,2 | 45 | 75 | 0,056 |
| 6174 6975 | 28 | 23,0 | 28,5 | 55 | 100 | 0,090 |
| 6174 6985 | 34 | 29,0 | 34,5 | 65 | 120 | 0,126 |
| 6174 6995 | 42 | 36,0 | 42,5 | 90 | 150 | 0,187 |
| 6174 7005 | 54 | 48,0 | 54,5 | 100 | 190 | 0,225 |
| SILVYN® RILL PA6 grey | | | | | | |
| 6174 6939 | 10 | 6,5 | 10,0 | 13 | 35 | 0,018 |
| 6174 6940 | 13 | 10,0 | 13,0 | 20 | 45 | 0,025 |
| 6174 6950 | 16 | 12,0 | 15,8 | 35 | 55 | 0,037 |
| 6174 7010 | 18 | 14,3 | 18,5 | 40 | 65 | 0,050 |
| 6174 6960 | 21 | 16,5 | 21,2 | 45 | 75 | 0,056 |
| 6174 6970 | 28 | 23,0 | 28,5 | 55 | 100 | 0,090 |
| 6174 6980 | 34 | 29,0 | 34,5 | 65 | 120 | 0,126 |
| 6174 6990 | 42 | 36,0 | 42,5 | 90 | 150 | 0,187 |
| 6174 7000 | 54 | 48,0 | 54,5 | 100 | 190 | 0,225 |